

Title of Invention: "METHOD AND APPARATUS FOR REMOVING OBSTRUCTIONS IN MINES"

Inventor's Name: Micke et al.

Serial No. 10/055,797

Docket No. 3957-8-DIV

Attorney: Douglas W. Swartz

Telephone: 303/863-9700

Sheet 1 of 17 sheets

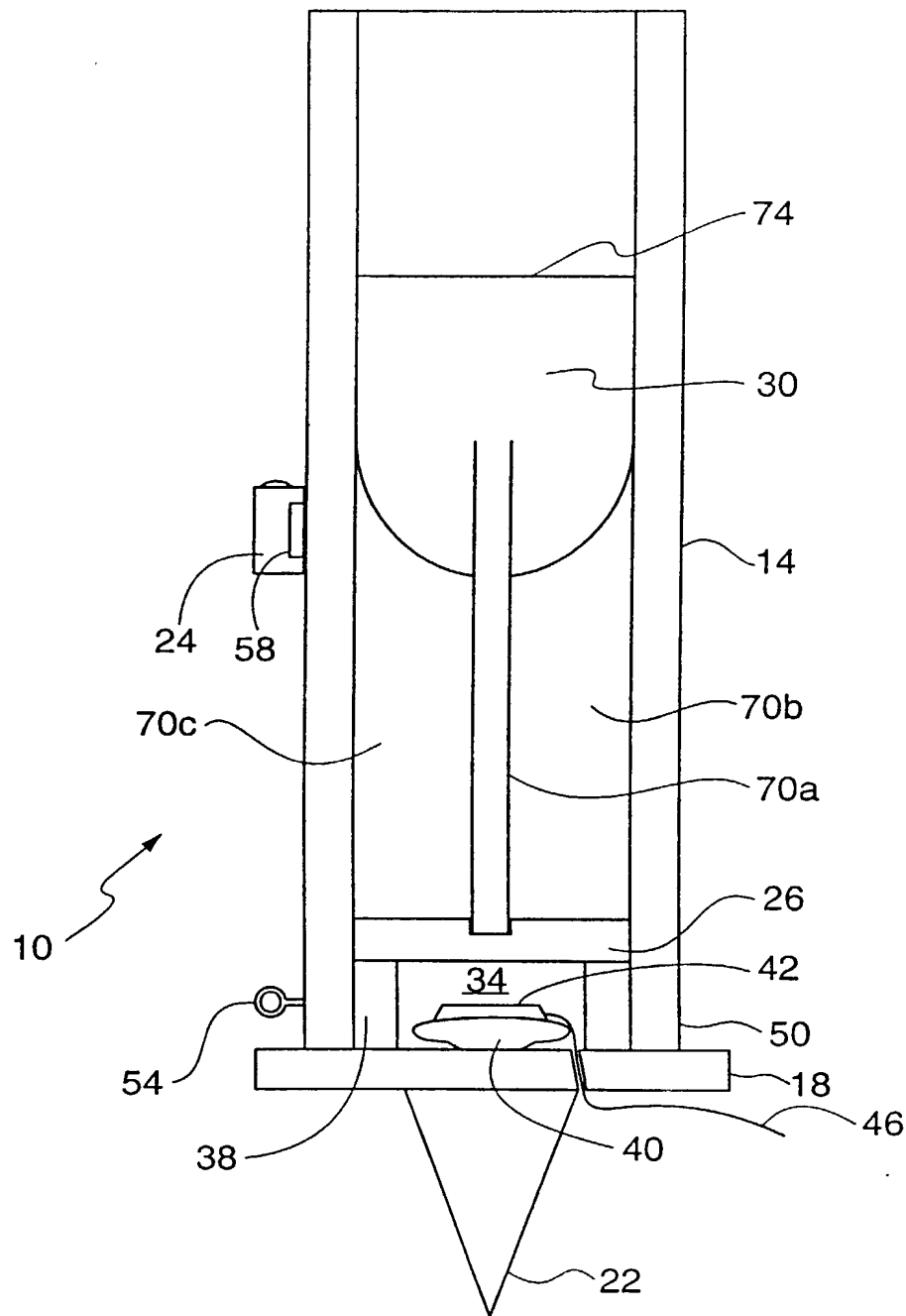


Fig. 1

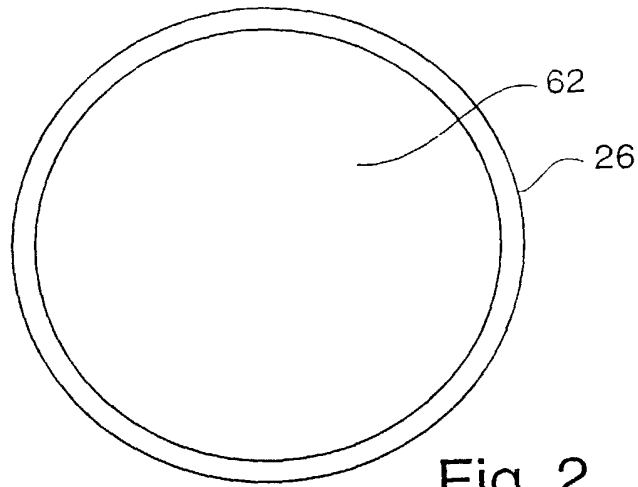


Fig. 2

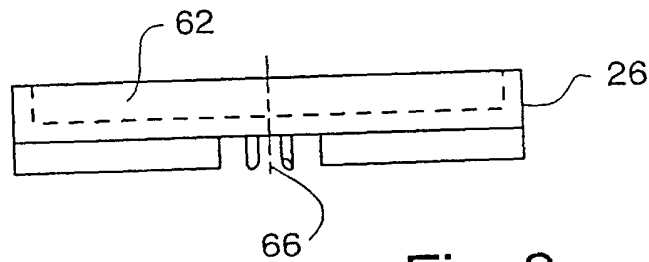


Fig. 3

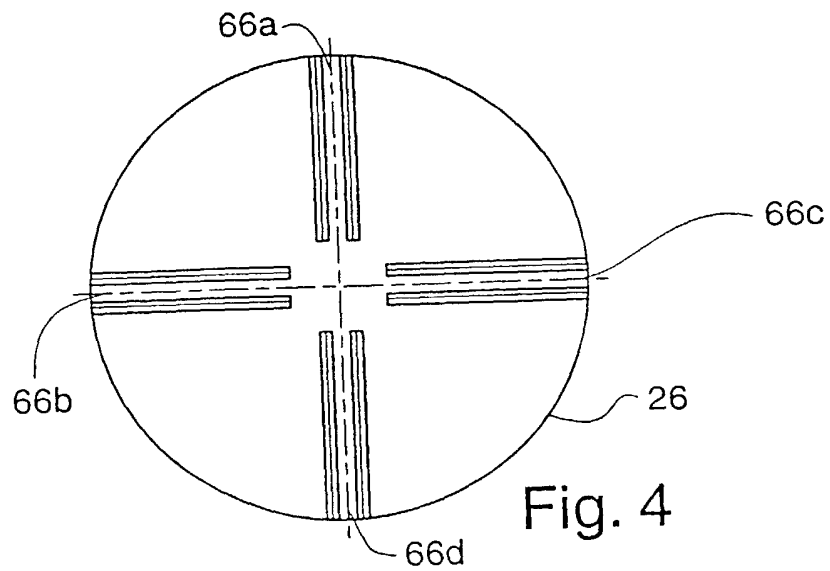


Fig. 4

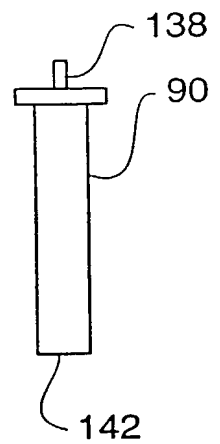
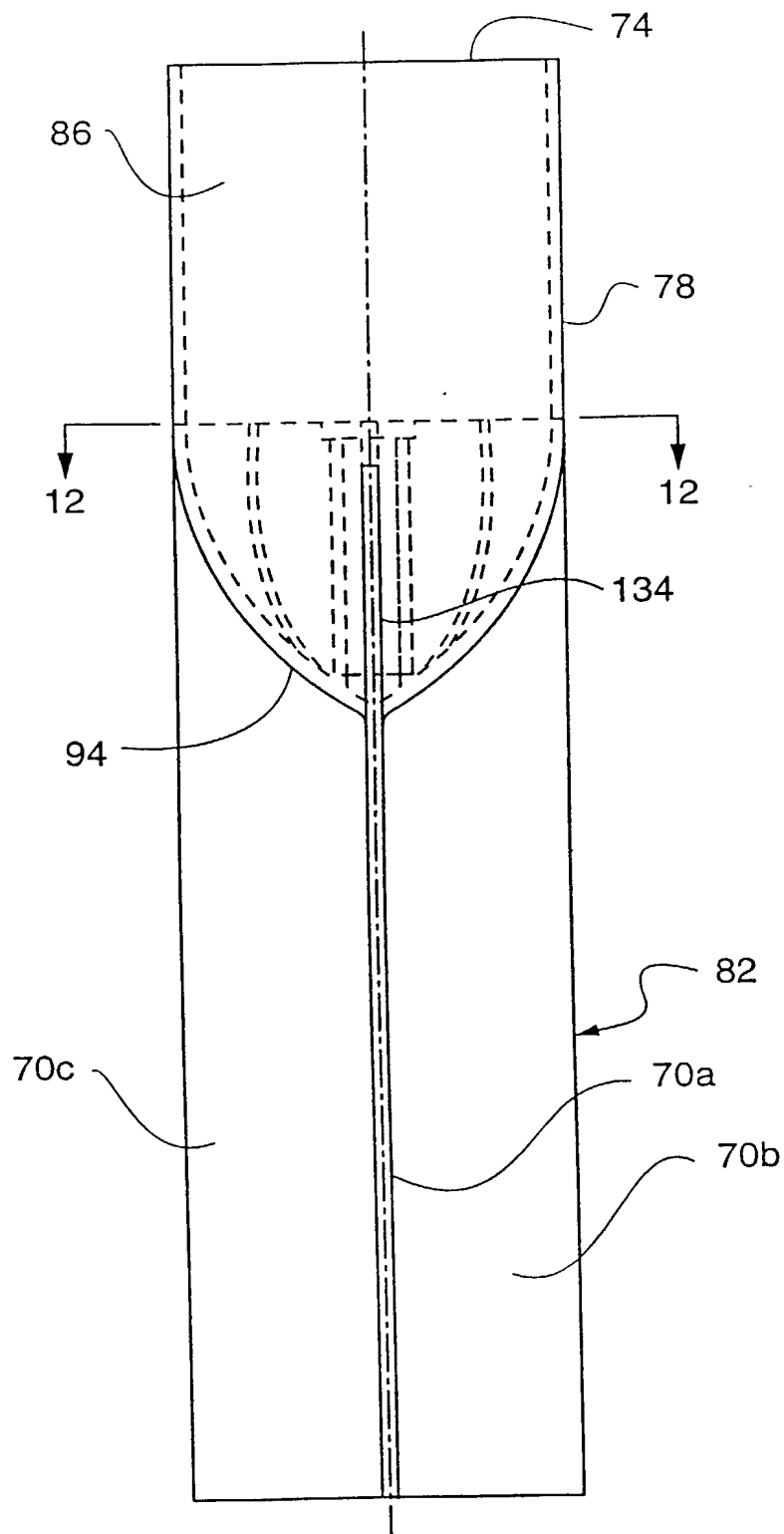
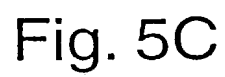


Fig. 5A

Fig. 5B



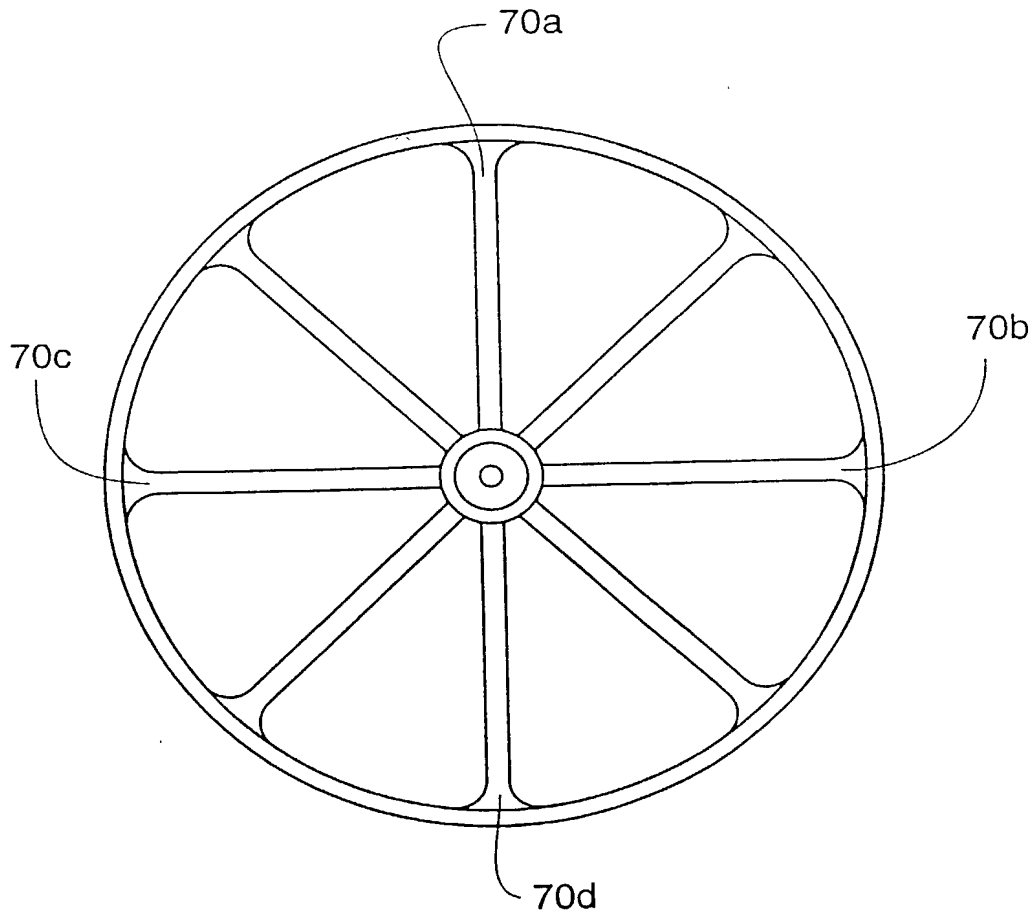


Fig. 6

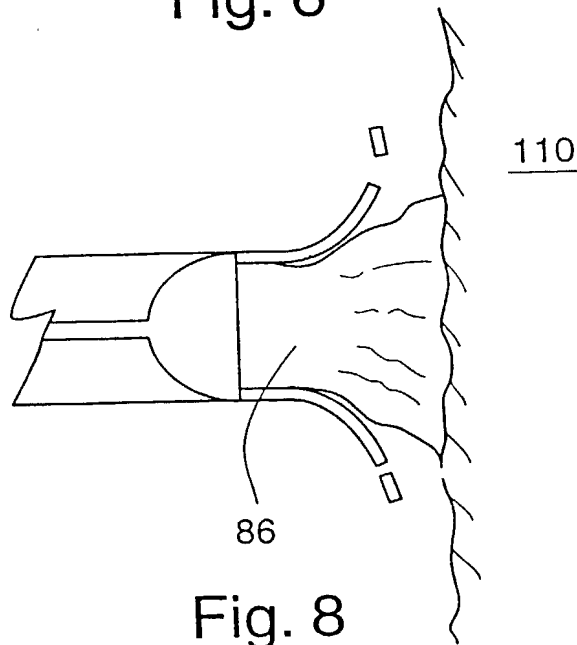


Fig. 8

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Sheet 5 of 17 sheets

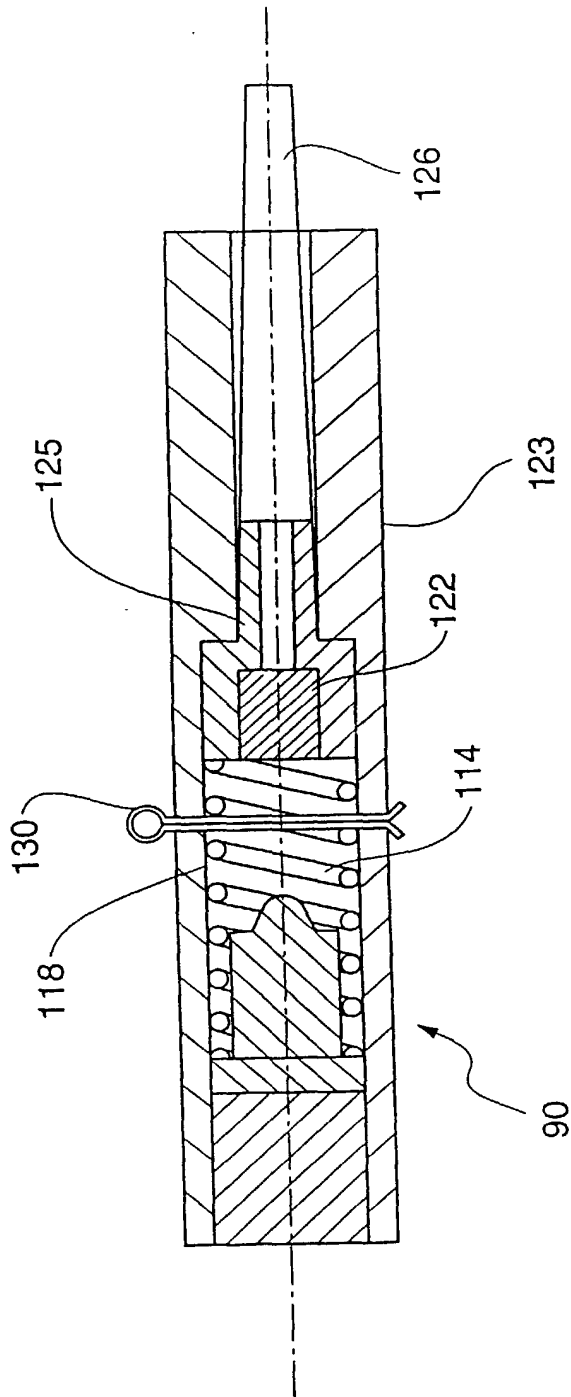


Fig. 7

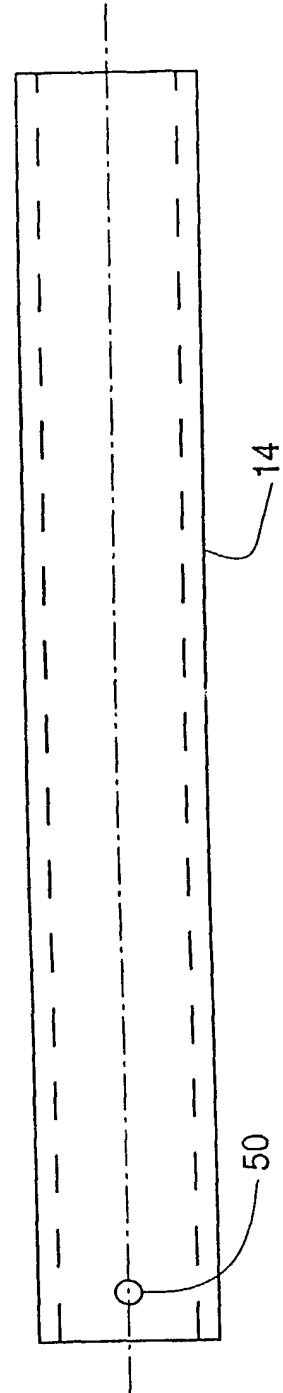


Fig. 9

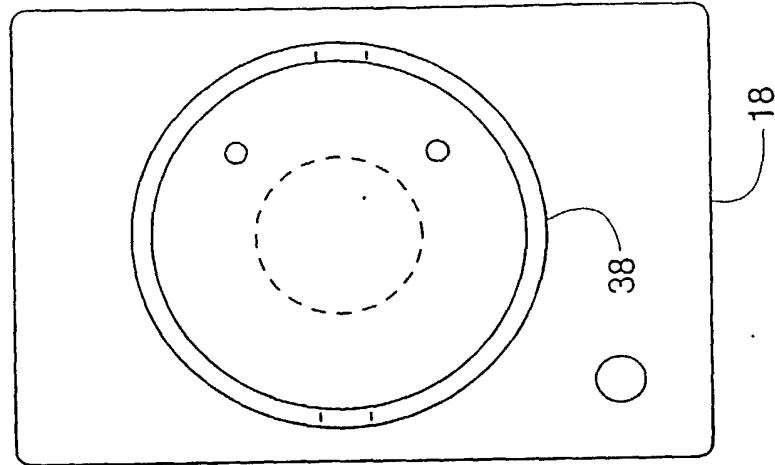


Fig. 11

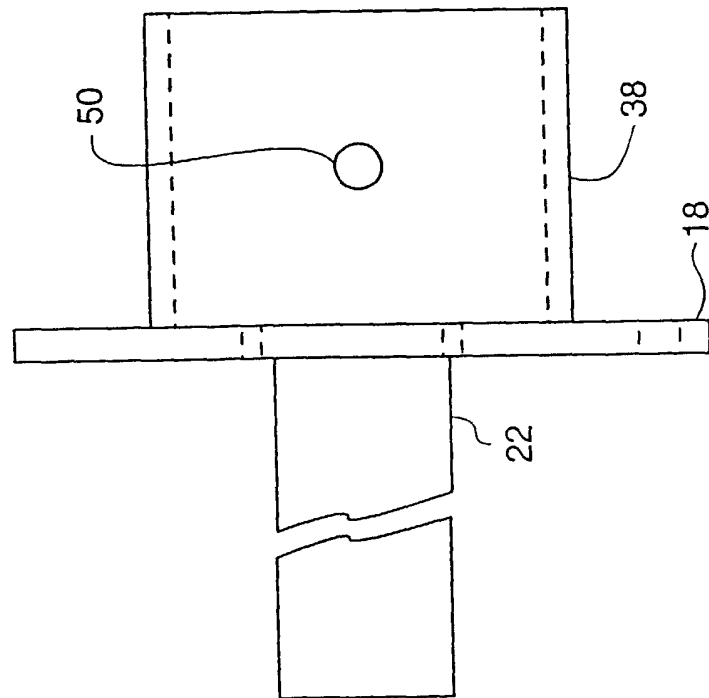


Fig. 10

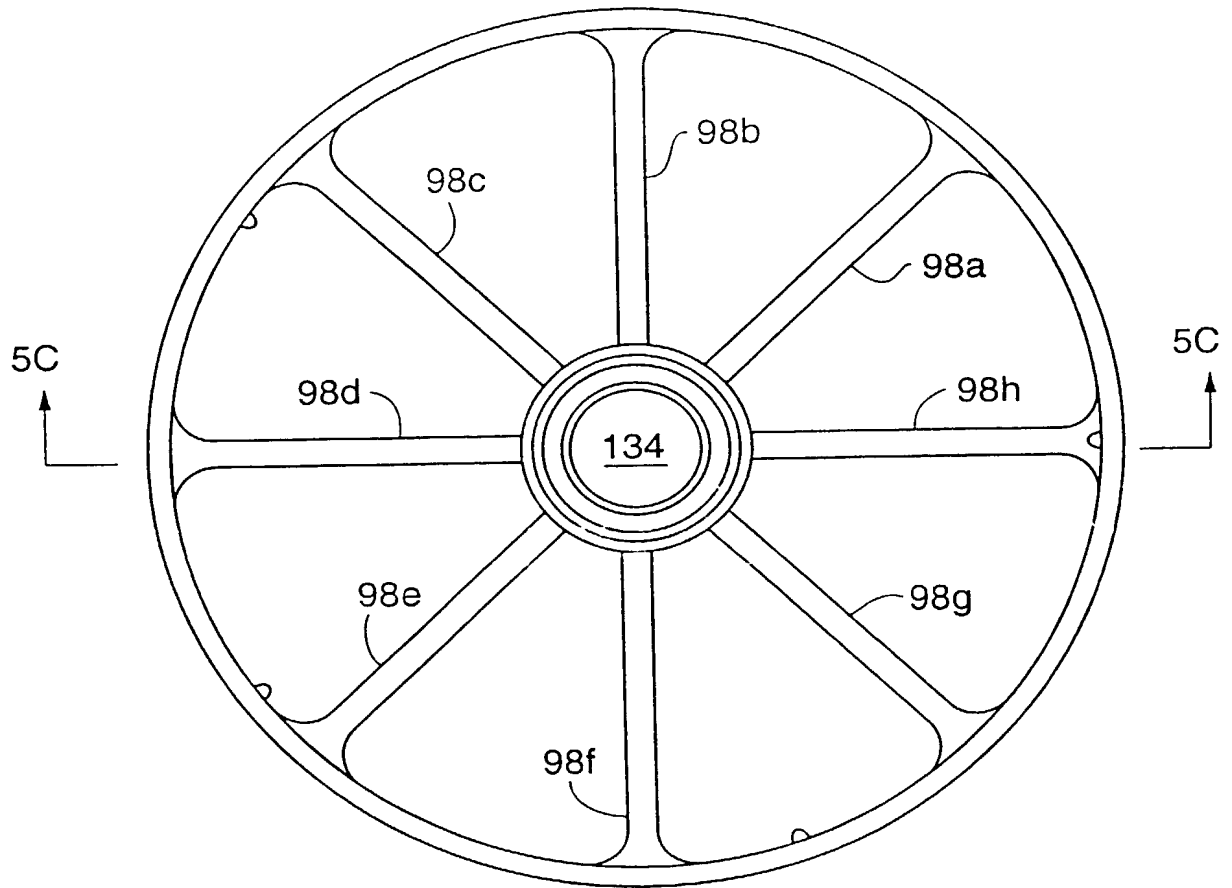


Fig. 12



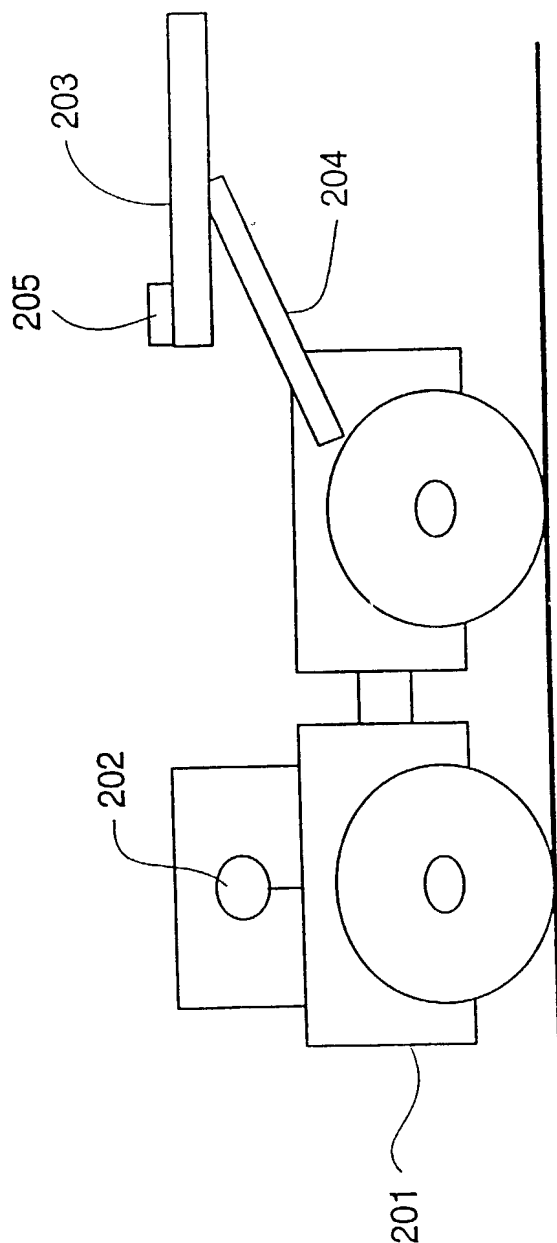


Fig. 13

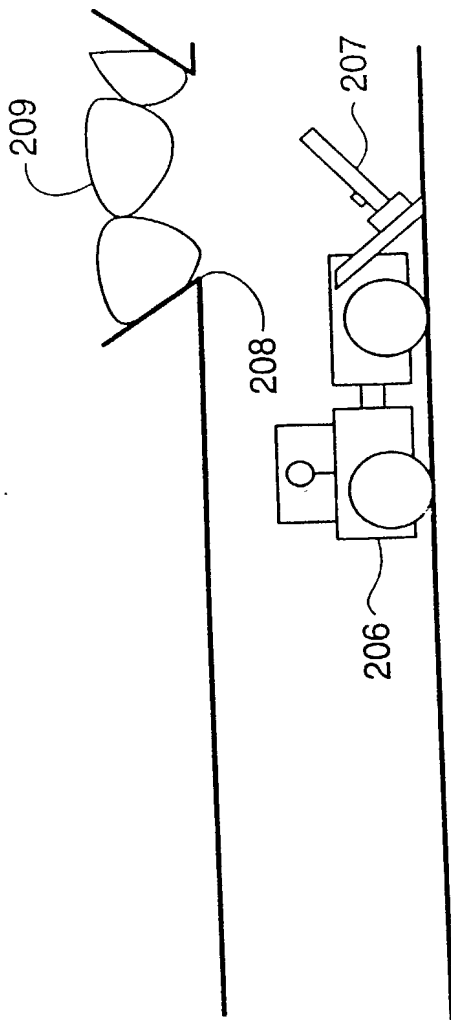


Fig. 14A

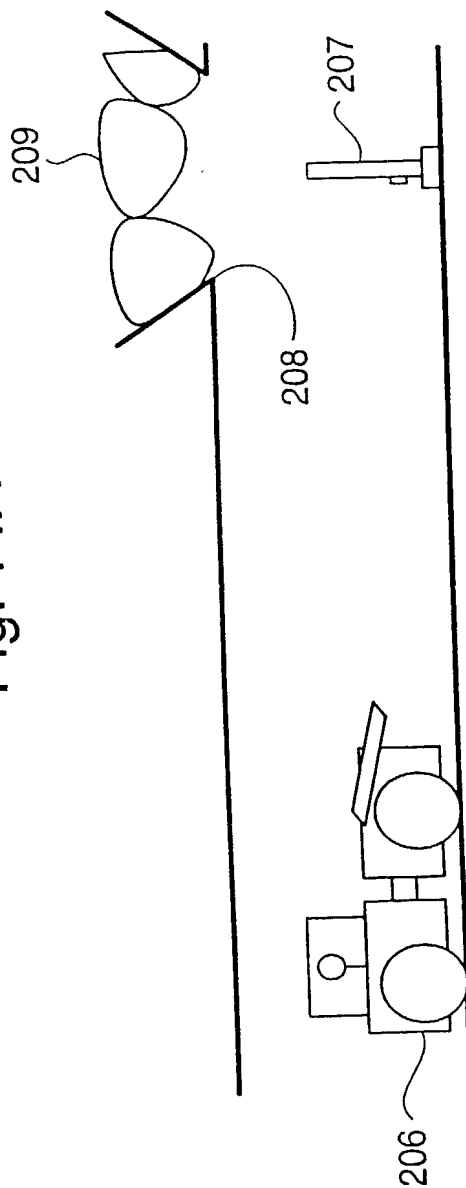


Fig. 14B

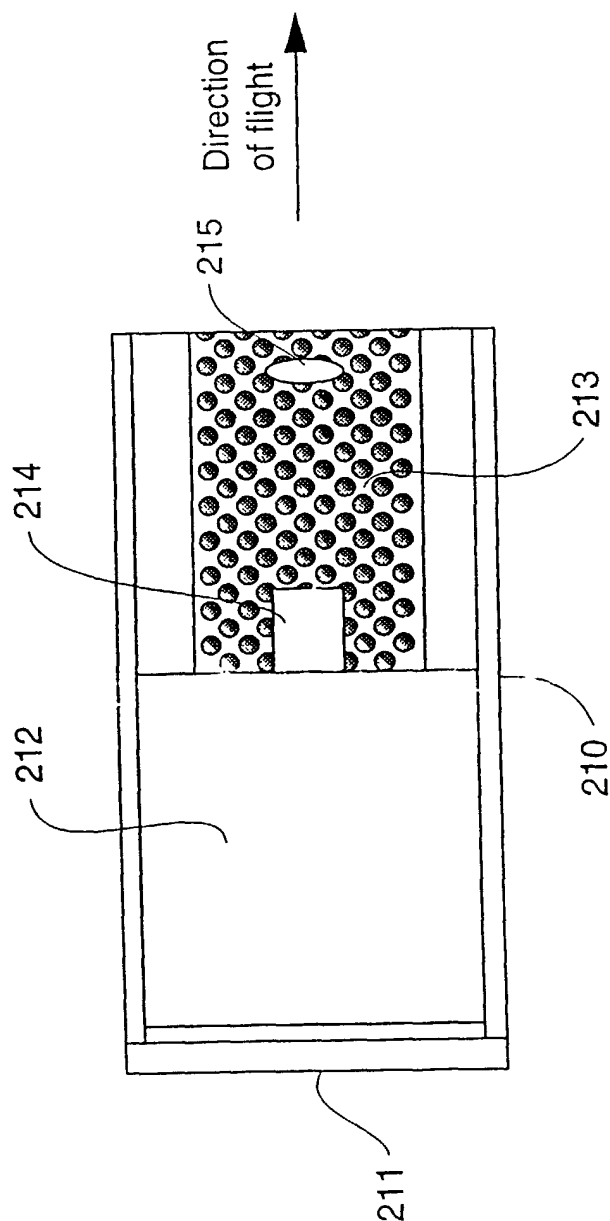


Fig. 15

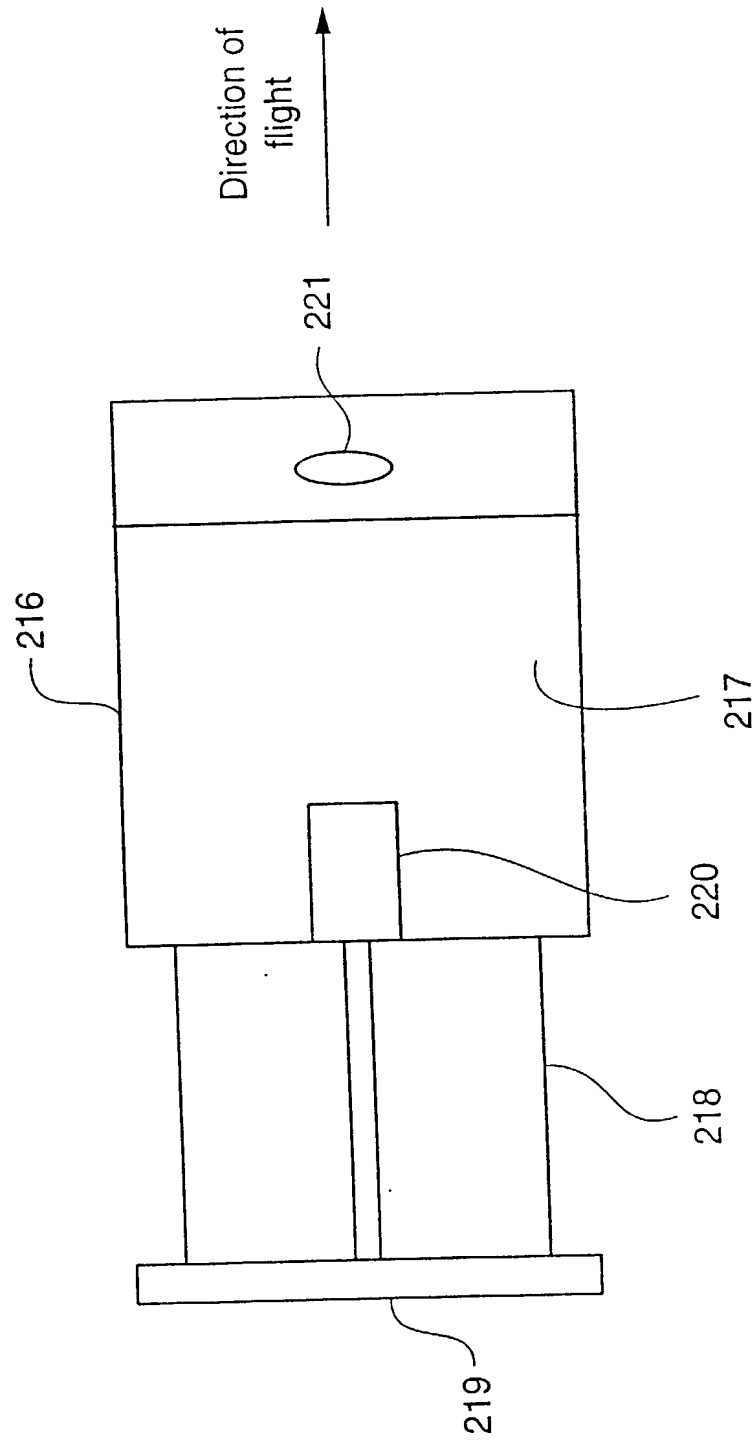


Fig. 16

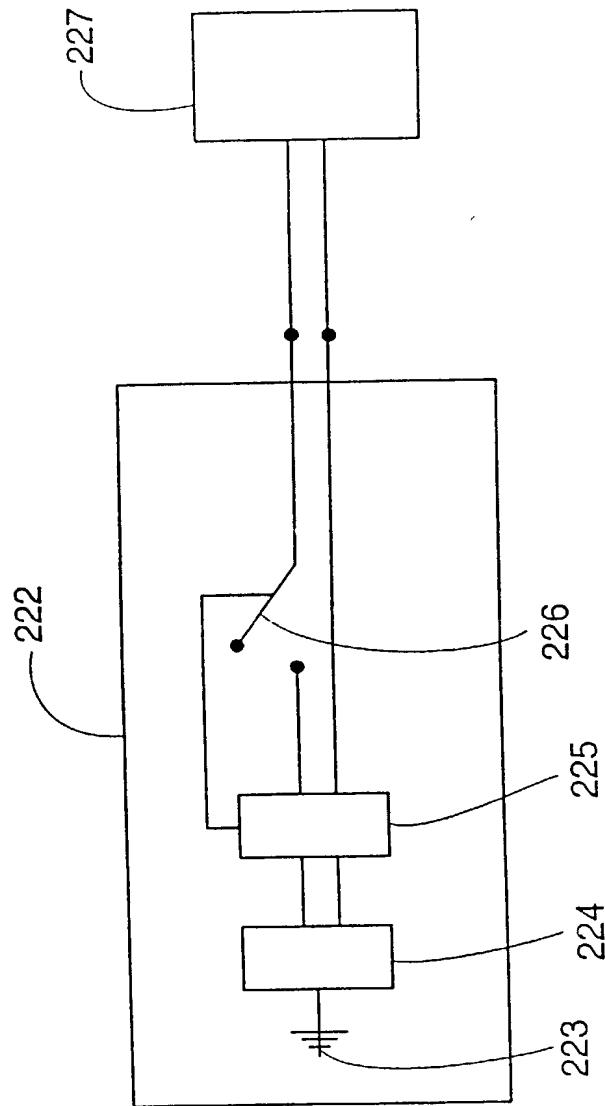


Fig. 17

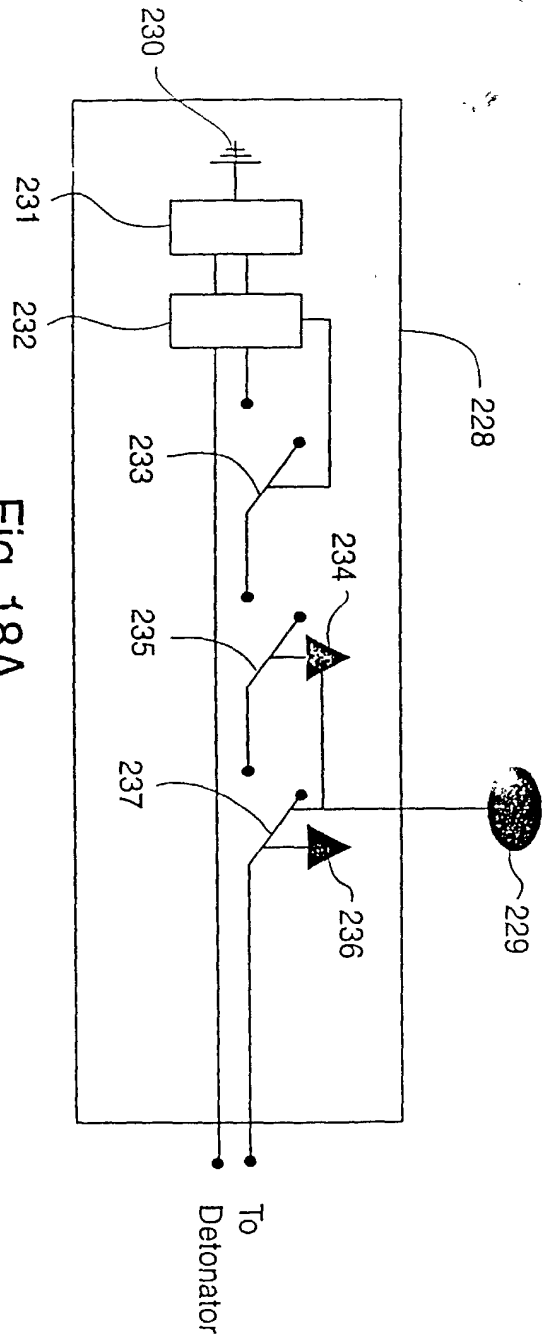


Fig. 18A

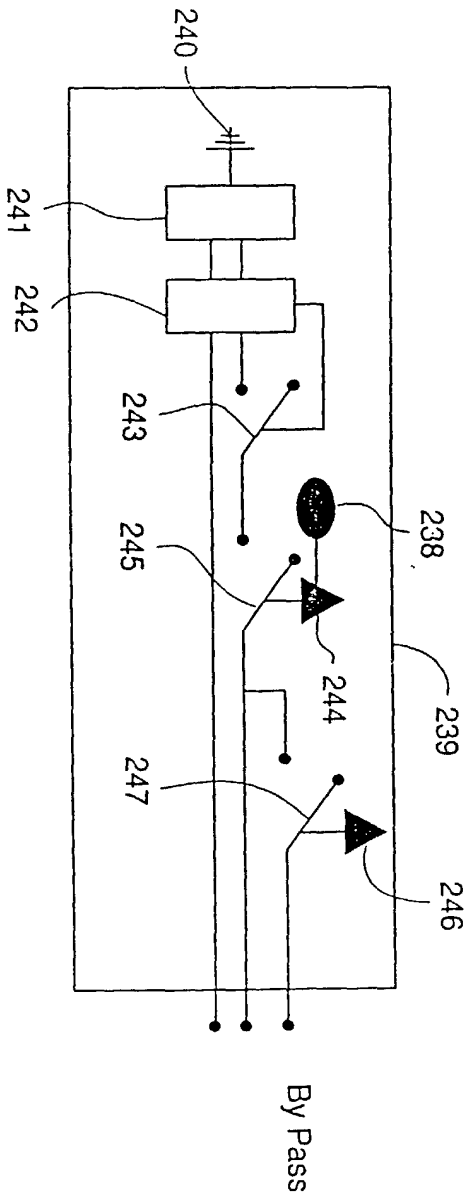


Fig. 18B

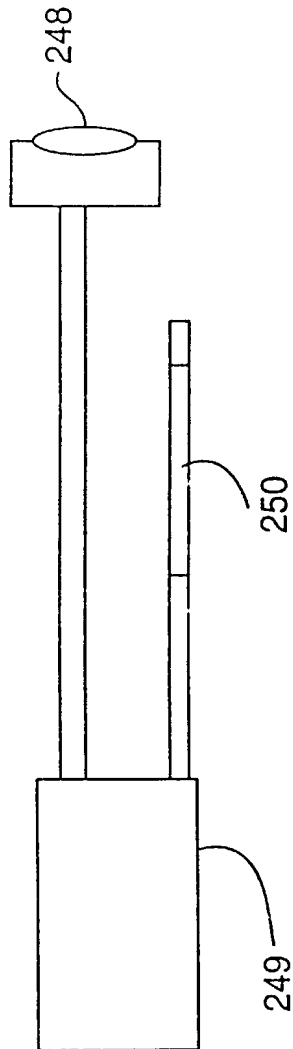


Fig. 19A

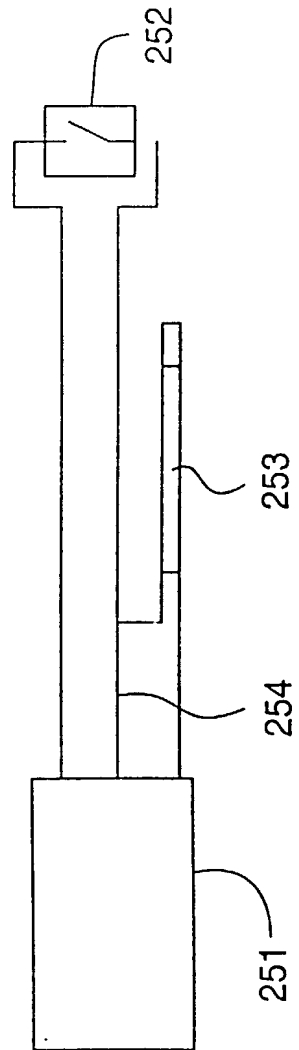
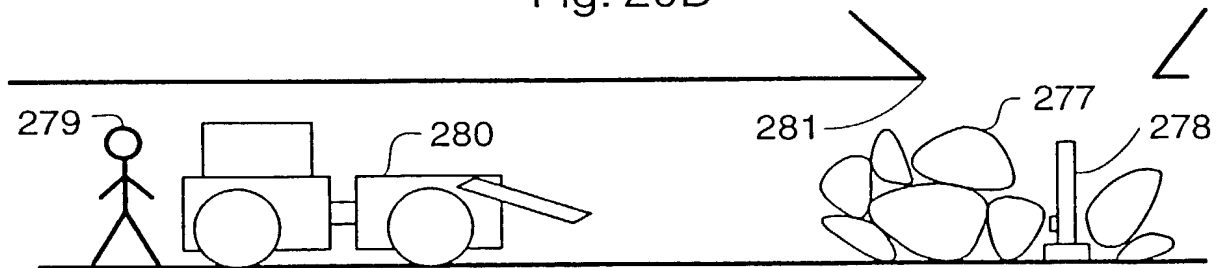
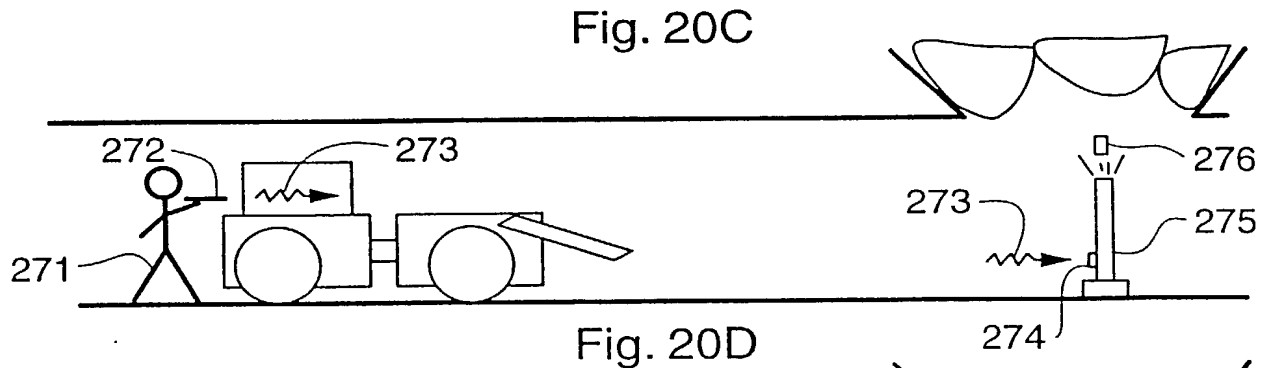
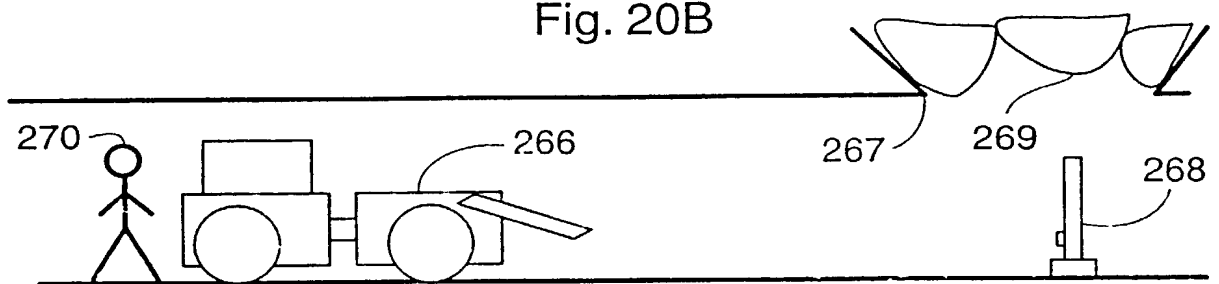
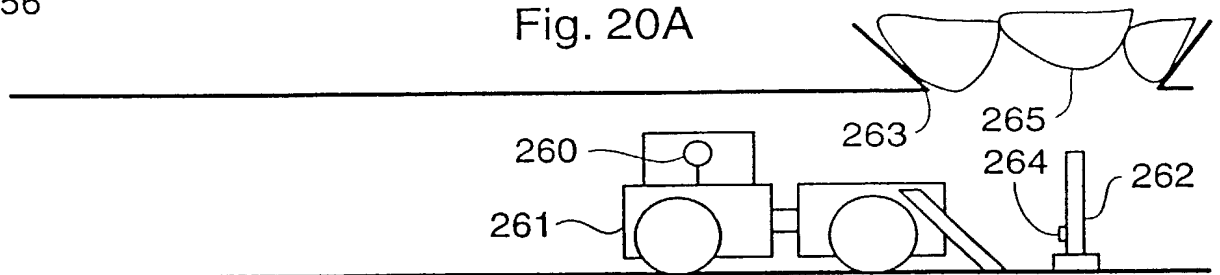
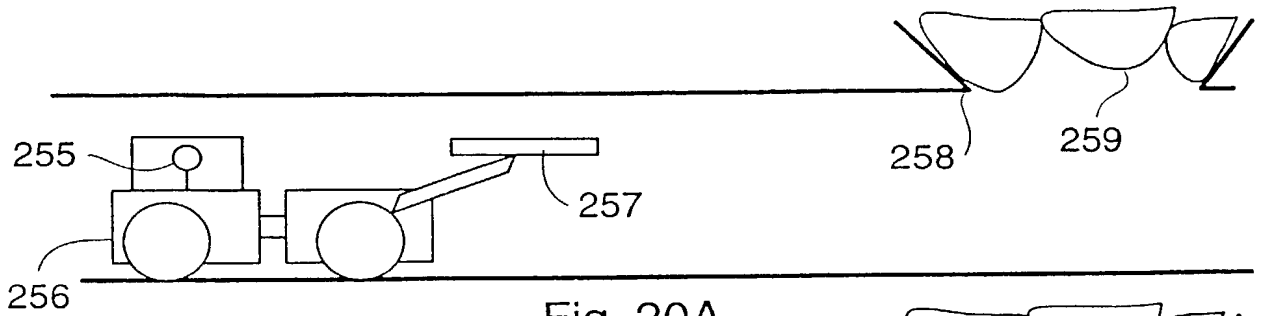


Fig. 19B





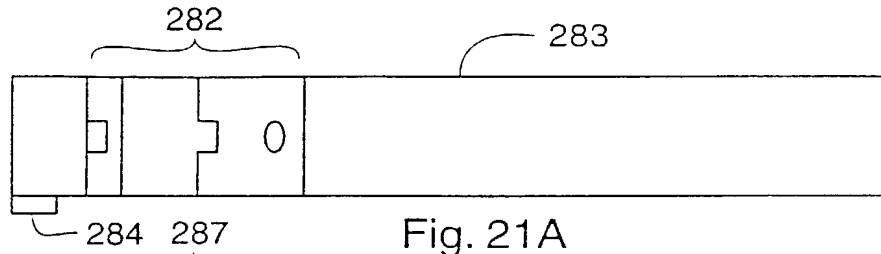


Fig. 21A

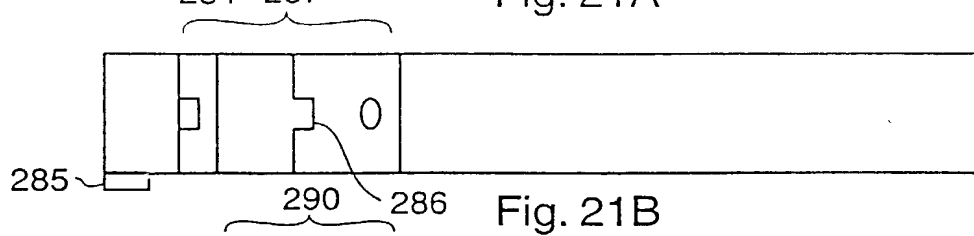


Fig. 21B

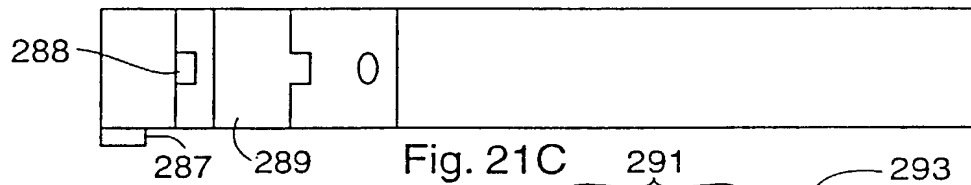


Fig. 21C

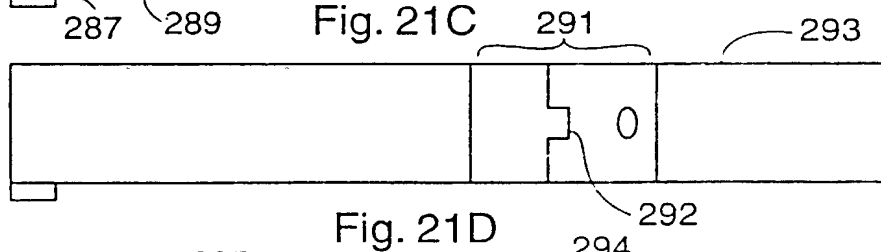


Fig. 21D

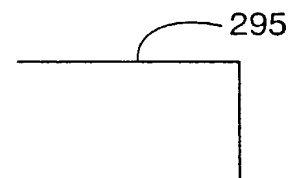


Fig. 21E

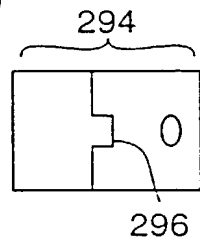


Fig. 21F

